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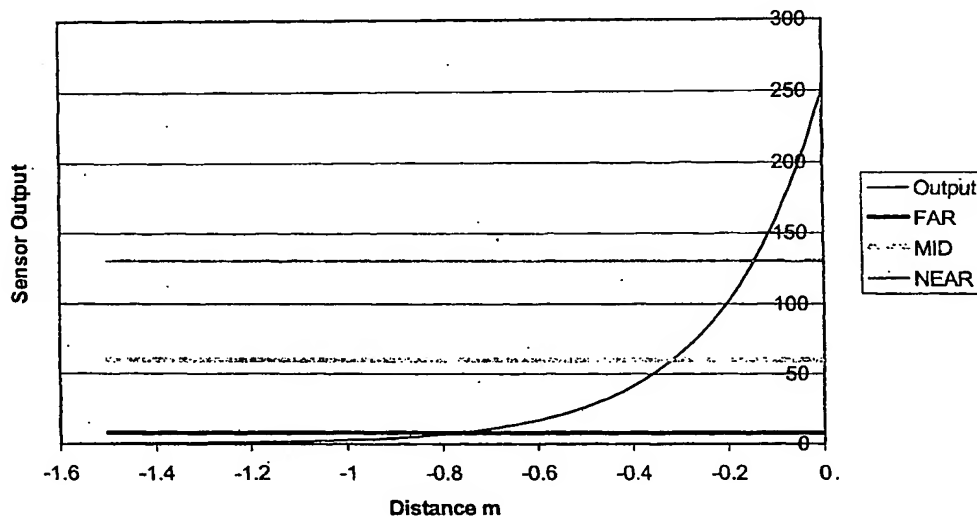
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- (71) Applicant (for all designated States except US): **AB AUTOMOTIVE ELECTRONICS LTD.** [GB/GB]; Forest Farm Industrial Estate, Whitchurch, Cardiff CF14 7YS (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MOON, Anthony** [GB/GB]; 1 Radyr Court Rise, Llandaff, Cardiff CF5 2QH (GB). **CLATWORTHY, Ceri** [GB/GB]; 5 Cadle Crescent, Port Mead, Swansea SA5 5HP (GB). **TSHIBANGU, Karim** [—/GB]; 6 St. Angles Place, Kennington, London SE11 4BE (GB).
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(54) Title: CAPACITIVE SENSOR AND ASSOCIATED METHODS OF OPERATION



(57) Abstract: A method of detecting a proximate object using a capacitive sensor system, being measuring output signal data from the sensor over predetermined distance intervals and comparing the output signal data with predetermined comparison data indicative of an ideal sensor output signal sequence. Based on the comparison moderated data is output, such that, where an obtained output signal data value is lower value than a corresponding comparison data value, the moderated output data is given the value of the comparison data value, and otherwise the moderated output signal data is given the value of the obtained output signal data. Therefore the detection of low objects is improved through a comparison with data indicative of an ideal response signal.